

## **In the Claims**

Claims are amended as follows:

1. (original) A method of operating a terminal in a wireless communications system, the system having a plurality of uplink and downlink channels available for use, the terminal being arranged to use an uplink channel and a downlink channel selected from the plurality, the method comprising:
  - determining whether the terminal is transmitting at a power which may cause interference to an adjacent uplink channel;
  - determining which downlink channel is associated with the adjacent uplink channel;
  - monitoring that downlink channel and deciding, on the basis of the monitoring, whether there is a need to operate the terminal in a manner which will reduce interference.
2. (original) A method according to claim 1 wherein there is a first band of channels and a second band of channels available for use and the terminal can use either an uplink channel and a downlink channel from the first band or an uplink channel from the first band and a downlink channel from the second band.
3. (original) A method according to claim 2 wherein, within the first band of channels, each uplink channel is paired with a downlink channel, with the uplink and downlink channels in each pair being separated by a known frequency offset, and wherein the step of determining which downlink channel is associated with adjacent uplink channel comprises determining a downlink channel which is offset from the adjacent uplink channel by the known frequency offset.

4. (original) A method according to claim 3 wherein the first band of channels is a core band of channels and the second band of channels is an extension band of channels.
5. (original) A method according to claim 1 further comprising operating the terminal in a manner which will reduce interference by selecting an alternative uplink channel for the terminal to use and transferring communication to the selected alternative uplink channel.
6. (original) A method according to claim 5 wherein the step of selecting an alternative uplink channel comprises testing whether the alternative channel is acceptable for use.
7. (original) A method according to claim 6 wherein the step of testing whether the alternative channel is acceptable for use comprises monitoring a metric which is indicative of usage of a downlink channel which is associated with an uplink channel that is adjacent to the alternative channel.
8. (original) A method according to claim 1 further comprising operating the terminal in a manner which will reduce interference by selecting an alternative transmission rate for the terminal.
9. (original) A method according to claim 1 further comprising operating the terminal in a manner which will reduce interference by selecting an alternative transmission system for the terminal.
10. (original) A method according to claim 1 wherein the step of monitoring that downlink channel comprises monitoring a metric which is indicative of usage of that downlink channel.

11. (original) A method according to claim 10 wherein the metric is received power.
12. (original) A method according to claim 1 wherein the step of monitoring that downlink channel comprises determining whether the terminal is likely to cause interference to the adjacent uplink channel associated with that downlink channel.
13. (original) A method according to claim 1 wherein, if the terminal is not transmitting at a power which may cause interference to an adjacent uplink channel, the other steps of the method are not performed.
14. (original) A method according to claim 1 further comprising exchanging signalling information between the terminal and network to operate the terminal in a manner which will reduce interference.
15. (original) A method according to claim 1 wherein the wireless communications system is a wideband wireless communications system.
16. (original) A method according to claim 15 wherein the wideband communications system is a W-CDMA system.
17. (original) A control apparatus for a terminal in a wireless communications system, the system having a plurality of uplink and downlink channels available for use, the terminal being arranged to use an uplink channel and a downlink channel selected from the plurality, the control apparatus comprising:
- means for determining whether the terminal is transmitting at a power which may cause interference to an adjacent uplink channel;
  - means for determining which downlink channel is associated with the adjacent uplink channel;

means for monitoring that downlink channel and deciding, on the basis of the monitoring, whether there is a need to operate the terminal in a manner which will reduce interference.

18. (original) A control apparatus according to claim 17 wherein there is a first band of channels and a second band of channels available for use and the terminal can use either an uplink channel and a downlink channel from the first band or an uplink channel from the first band and a downlink channel from the second band.

19. (original) A control apparatus according to claim 18 wherein, within the first band of channels, each uplink channel is paired with a downlink channel, with the uplink and downlink channels in each pair being separated by a known frequency offset, and wherein the means for determining which downlink channel is associated with adjacent uplink channel comprises determining a downlink channel which is offset from the adjacent uplink channel by the known frequency offset.

20. (original) A control apparatus according to claim 19 wherein the first band of channels is a core band of channels and the second band of channels is an extension band of channels.

21. (original) A control apparatus according to claim 17 which is arranged to operate the terminal in a manner which will reduce interference by selecting an alternative uplink channel for the terminal to use and transferring communication to the selected alternative uplink channel.

22. (original) A control apparatus according to claim 21 which is arranged to test whether the alternative channel is acceptable for use.

23. (original) A control apparatus according to claim 22 which is arranged to test whether the alternative channel is acceptable for use by monitoring a metric which is

indicative of usage of a downlink channel which is associated with an uplink channel that is adjacent to the alternative channel.

24. (original) A control apparatus according to claim 17 which is arranged to operate the terminal in a manner which will reduce interference by selecting an alternative transmission rate for the terminal.

25. (original) A control apparatus according to claim 17 which is arranged to operate the terminal in a manner which will reduce interference by selecting an alternative transmission system for the terminal.

26. (original) A control apparatus according to claim 17 which is arranged to monitor that downlink channel by monitoring a metric which is indicative of usage of that channel.

27. (original) A control apparatus according to claim 26 wherein the metric is received power.

28. (original) A control apparatus according to claim 17 which is arranged to exchange signalling information between the terminal and network to operate the terminal in a manner which will reduce interference.

29. (original) A terminal for use in a wireless communications system including a control apparatus according to claim 17.

30. (original) A wireless communications system incorporating a terminal according to claim 29.

31. (original) A wireless communications system according to claim 30 in the form of a wideband wireless communications system.

32. (original) A wireless communications system according to claim 31 in the form of a W-CDMA system.

33. (original) A method of handling a connection between a terminal and a base station in a wireless communications system having a plurality of uplink and downlink channels available for use, the method comprising:

- assigning an uplink channel and a downlink channel to the connection;
- determining, during the call, whether the terminal is transmitting at a power which may cause interference to an adjacent uplink channel;
- determining which downlink channel is associated with the adjacent uplink channel;
- monitoring that downlink channel and deciding, on the basis of the monitoring, whether there is a need to operate the terminal in a manner which will reduce interference.

34. (currently amended) A computer readable medium carrying software ~~Software~~ for operating a terminal in a wireless communications system, the system having a plurality of uplink and downlink channels available for use, the terminal being arranged to use an uplink channel and a downlink channel selected from the plurality, the software being arranged to cause a control apparatus of the terminal to perform the steps of:

- determining whether the terminal is transmitting at a power which may cause interference to an adjacent uplink channel;
- determining which downlink channel is associated with the adjacent uplink channel;
- monitoring that downlink channel and deciding, on the basis of the monitoring, whether there is a need to operate the terminal in a manner which will reduce interference.